

CONTACT

- +961 71 561 722
- aberro53us@gmail.com
- Beirut, Lebanon
- <https://aliberro.com>

EDUCATION

2019-2022
Computer Science Bachelor
Lebanese University, Faculty of Science

TECHNICAL SKILLS

LANGUAGES

- C
- C++
- C#
- Python
- HTML
- CSS
- JavaScript
- PHP
- Java
- SQL

FRAMEWORKS, DATABASES & TOOLS

- MySQL
- React
- SQL Server
- NodeJS
- SolidJS
- Figma
- Angular
- ASP.Net Core
- Sveltekit
- ElasticSearch
- Docker
- Azure

LANGUAGES

- Arabic - Native
- English - Fluent

INTERESTS

- Programming
- Mathematics
- Reverse Engineering
- Electronics
- Writing

Ali Berro

Senior Software Engineer

EXECUTIVE SUMMARY

As a software engineer, I possess strong analytical programming skills with the ability to quickly learn and adapt to new software packages and hardware technologies. With a proven track record in this field, I am highly motivated to excel in deadline-driven environments. I am seeking new opportunities to take on challenging roles and contribute my skills to your organization.

WORK EXPERIENCE

Technical Lead | Senior Software Engineer - INTALIO

May 2022 - PRESENT

- Creating cutting-edge web apps for multi purpose use.
- Coding, designing, testing and hunting for bugs.
- Proposing novel and inventive approaches to effectively address intricate and multifaceted predicaments.



Web Consultant - VAST

Feb 2022 - Aug 2022

- Directed the vision of the company.
- Built solid strategies and chose the best technologies to help the company satisfy their vision.
- Built their website and delivered it in the expected time frame.
- Gave insights on how the company should approach and work with their website clients.



Professor's Assistant - LEBANESE UNIVERSITY

Oct 2021 - Nov 2022

- Was in charge of preparing the C & data-structure course by creating practice questions, labs, quizzes and exams for the students.
- Proctored labs, quizzes and exam sessions.
- Created multiple coding modules to combat cheating and detect incorrect question submissions.
- Helped out the students by solving their problems.



Technical Consultant, IT Manager & Tutor - MATRIX EA

Mar 2018 - May 2019

- Programmed a treadmill using DeltaPLC (Ladder language).
- Designed and implementing their website.
- Created interesting gadgets using Arduino.
- Created a mobile app for their business.



SOFT SKILLS

- Creative
- Ideas driven
- Well-organized
- Persuasive
- Team-worker
- Fast learner
- Work ethics
- Problem solving

AWARDS

2021

LCPC

7th place where all the country's top universities have competed.

2019

Sumo Robot | Kalimat Center

2nd place in the sumo robot programming

MEC2.0 | EduZone

4th place in the mathematical excellence competition

Science Fair | Mobarat Ouloum

1st place in the science fair, "E-Health Gadget", a project regarding biomedical enhancements.

Science Fair | USJ

3rd place in the science fair, "E-Health Gadget", a project regarding biomedical enhancements.

2018

Sumo Robot | Kalimat Center

3rd place in the sumo robot programming

VOLUNTEERING WORK, CLUBS AND NGOS

NRC 3

Participated in the organization and judging of the NRC3 held by ICTD

GDSC

Core team member of Google Developer Student Club.

Lebanese University

Gave multiple lectures on many topics including: Math, Physics and Programming

Assadek Association

Gave lectures in Python and C++

SDP

Part of Student Development Program, an initiative aiming to grow and develop student's abilities.

Haret Hreik Municipality

Gave a course on C++ for absolute beginners to advanced

WORK EXPERIENCE

Freelancing

Aug 2015 - PRESENT

- Creating state of the art software that meets the client's needs.
- Helping other fellow coders with feature requests and bug fixes.
- Worked with big names in the industry, including but-not-limited to: Lebanese Army, Dar Baraket and Dar Al Ahlieh.



PROJECTS

Astronicode



- A collection of tools and resources to build any saas with ease.
- Including IAM, PLS, PSS, and much more

Visionary



- An esoteric programming language for a contest held by GDSC.

SQLDialect Converter



- A tool which given a string representing an SQL query, it converts it from one dialect to another.

Lo8et El Net



- A simple programming language for beginners using Arabizi language.

LU.Exams



- A tool made for the Lebanese University to combat cheating.
- Monitors Wifi, Bluetooth, clipboard and keyboard key strokes.
- Sends the information to a live admin panel where the user might get flagged as a potential cheater

Mammamia



- An esoteric programming language for a contest held by GDSC.

MarkParse



- A simple, and lightening fast markdown parser.
- Outputs HTML.
- Can be extended to support other syntax.

Bitmap



- A cross-platform Bitmap parser.
- Support top-bottom and bottom-top RGB and RGBA images.
- Parses 1, 4, 8, 16, 24, 32 bits per pixel.
- Usage was for another project to convert an image into an HTML webpage.

PHPMVC



- Support for Routing.
- Register error pages like 401, 403, 404 and so on.
- Plug-and-Play Database.
- Authorization and Authentication support and other features too.

JavaMVC



- A simpler MVC structure.
- Designed to work with JavaFX
- Full of design patterns (where required)

E-Health Gadget



- A biomedical engineering project that included 3 mobile applications and an Arduino gadget that runs on ATMEGA328P-PU.
- The mobile applications were made using MIT App inventor.

gCleaner



- Remember that virus that creates shortcuts on your USB? This cleans and removes all of its traces.
- It returns all of the files to their original state, with their names and icons.